

What is claimed is:

1. A dish antenna rotation apparatus comprising:

a dish bracket adapted to be fixed to a rear surface of a dish
5 antenna, said dish bracket including a planar plate having opposing major
surfaces which, when said dish bracket is fixed to the rear surface of said dish
antenna, lie perpendicular to a polarity axis, said planar plate having a
plurality of arcuate slots formed therein, being spaced from each other on an
imaginary circle drawn about said polarity axis on said planar plate;

10 an adapter plate disposed to contact with one of said major
surfaces of said planar plate facing said dish antenna and arranged such that
said dish bracket can be rotated about said polarity axis relative to said
adapter plate, said adapter plate being provided with a plurality engagement
portions in alignment with said respective arcuate slots in said planar plate;

15 an elevation bracket disposed on the other of said opposing major
surfaces of said planar plate facing away from said dish antenna, including a
pair of parallel, spaced-apart wings extending perpendicular to said planar
plate, and a connecting member formed integral with said pair of wings, said
connecting member extending in parallel with said wings,

20 said elevation bracket being rotatable about an elevation
adjustment axis extending between said wings and perpendicular to said
wings;

said elevation bracket including tabs equal in number to said
arcuate slots in said planar plate, said tabs being in contact with said planar
25 plate and being provided with holes in alignment with said arcuate slots; and

a plurality of securing members extending through said holes in
said tabs and said arcuate slots in alignment with said holes and engaging
with said engagement portions of said adapter plate to thereby secure said
elevation and dish brackets to said adapter plate.

2. The dish antenna rotation apparatus according to Claim 1 wherein said securing members are bolts, said bolts being inserted to extend through said holes in said tabs and said arcuate slots from the elevation bracket side; and said engagement portions are screw holes formed in said
5 adapter plate.

3. The dish antenna rotation apparatus according to Claim 1 wherein the arrangement for allowing said dish bracket to be rotatable about said polarity axis relative to said adapter plate comprises a projection
10 projecting in alignment with said polarity axis from said one major surface of said planar plate toward said dish antenna, and an opening formed in said adapter plate to receive said projection.

4. The dish antenna rotation apparatus according to Claim 1
15 wherein said connecting member is also perpendicular to said planar plate, and said tabs are formed in edges of said wings and connecting member and extend outward from said elevation bracket.